

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Atsushi Suzuki

App. No.: 09/681878

Filed: June 20, 2001

Title: VARIABLE VALVE TIMING  
AND LIFT STRUCTURE FOR  
FOUR CYCLE ENGINE

Examiner: F. Dahbour

Art Unit: 3742

RECEIVED  
JAN 8 2002  
OFFICE OF PETITIONS

AMENDMENT AFTER ALLOWANCE

Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

In support of the accompanying Petition to have this case withdrawn from issue and the accompanying Information Disclosure Statement, please amend this application as follows:

**IN THE CLAIMS:**

Amend Claim 1 as follows:

1. (Amended) An internal combustion engine having a combustion chamber, at least one gas flow passage communicating with said combustion chamber through a valve seat, a poppet valve for controlling the flow through said valve seat, a camshaft journalled for rotation about a camshaft axis, a first cam having a first lift characteristic fixed for rotation with said camshaft, a second cam associated with said camshaft for relative rotation, said second cam has a second lift characteristic different from said first lift characteristic of said first cam, a valve actuator associated with said first and said second cams for transmitting their rotational movements to reciprocation of said poppet valve, and a coupling device for selectively permitting relative movement between said camshaft and said second cam so that said first cam controls the entire opening and closing cycle of said poppet valve and for coupling said second cam for rotation with said camshaft about said camshaft axis so that